



Serial No. 10/032,606 (89190.072901/DP-304631)  
Response to Final Office Action dated April 13, 2004

PATENT

AF/1745  
JFW

## IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant(s): Keegan et al.	) Examiner: R. Alejandro
	)
Serial No.: 10/032,606	) Art Unit: 1745
	)
Filed: October 19, 2001	)
	)
For: FUEL CELL HAVING OPTIMIZED	)
PATTERN OF ELECTRIC	)
RESISTANCE	)
	)

### AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

#### Mail Stop AF

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action dated April 13, 2004, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.



**TRANSMITTAL LETTER  
(General - Patent Pending)**

Docket No.  
**89190.072901/DP-304631**

In Re Application Of: **Keegan et al.**

Serial No.  
**10/032,606**

Filing Date  
**October 19, 2001**

Examiner  
**R. Alejandro**

Group Art Unit  
**1745**

Title: **FUEL CELL HAVING OPTIMIZED PATTERN OF ELECTRIC RESISTANCE**

**TO THE COMMISSIONER FOR PATENTS:**

Transmitted herewith is:

**Amendment and Response to Final Office Action (11 pages + 1 duplicate page);  
Certificate of Mailing by First Class mail; and  
Postcards for Acknowledgment (2)**

in the above identified application.

- ☒ No additional fee is required.
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **10-0223** as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

*Signature*

Dated:

**Dennis B. Danella  
Reg. No. 46,653  
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I certify that this document and fee is being deposited  
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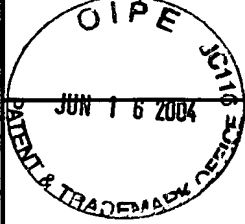
**Catherine E. Maletta**

*Typed or Printed Name of Person Mailing Correspondence*

CC:

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)**Applicant(s): **Keegan et al.**

Docket No.

**89190.072901/DP-304631**Serial No.  
**10/032,606**Filing Date  
**October 19, 2001**Examiner  
**R. Alejandro**Group Art Unit  
**1745**Invention: **FUEL CELL HAVING OPTIMIZED PATTERN OF ELECTRIC RESISTANCE**

I hereby certify that this **Amendment and Response to Final Office Action (11 pages + 1 duplicate page)**  
(Identify type of correspondence)

is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on **June 14, 2004**  
(Date)

**Catherine E. Maletta**

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